

Serial No. sn

R E M A R K S

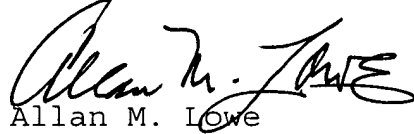
Claim 10 has been amended to more accurately describe the subject matter of the claim on which it is dependent.

The Abstract has been amended to correct minor typographical errors.

Entry of the Amendment is in order.

Respectfully submitted,

LOWE HAUPTMAN GILMAN & BERNER, LLP



Allan M. Lowe

Registration No. 19,641

1700 Diagonal Road, Suite 310
Alexandria, Virginia 22314
(703) 684-1111/FAX: (703) 518-5499
AML:ssw
Date: March 13, 2002

Serial No. sn

MARKED-UP VERSION SHOWING CHANGES

IN THE CLAIMS:

10. (amended) The [apparatus] medium of claim 7 wherein the digital content includes media content.

Serial No. sn

IN THE ABSTRACT:

Abstract of the Disclosure

Watermarks $WM_1 \dots WM_k \dots WM_N$ are applied to sections $1 \dots k \dots N$ of digital media content on a recording medium having an identification number (CDID) by combining numerical values representing CDID, N and i in accordance with a concatenated hashing function, to derive a numerical value for $[WM_{[1]i}]$ WM_i . The numerical value for WM_i is applied to section i , where i is selectively each of $1 \dots N$. The watermark of section j is checked by determining the numerical values of CDID, j and N from the read digital media content and determining the watermark WM_{ja} actually read from section j . The determined numerical values of CDID, j and N are combined by using the same hashing function that is used to derive WM_i to derive a digital signal for the watermark WM_{jr} read from section j . The digital signal for watermark WM_{jr} that should be read from section j is compared with an indication of the numerical value for the watermark WM_{ja} actually read from section j . If CDID is read directly from the medium, the $[WM_{jr}]$ WM_{jr} that should be read from section j is derived from $H(CDID \diamond N \diamond j)$ where H is the hashing number and \diamond is the concatenation of numbers. If CDID can be read directly, $H(CDID)$ is determined by modular subtraction of $H(N \diamond k)$ from the value of WM_{ja} actually read from section j .